

who has been subjected to medical examination to the server 20 whenever the patient finishes his/her medical examination. Thus, the patient, etc., connects to the server 20 through the Internet and confirms the diagnosis and treatment progress situation of the medical institution.

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18/9/4 (Item 4 from file: 347)
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06577506 **Image available**
FILE DEVICE

PUB. NO.: 2000-163297 [JP 2000163297 A]
PUBLISHED: June 16, 2000 (20000616)
INVENTOR(s): KITANI SHIGEO
APPLICANT(s): NEC CORP
APPL. NO.: 10-340857 [JP 98340857]
FILED: November 30, 1998 (19981130)
INTL CLASS: G06F-012/00; G06F-003/06

ABSTRACT

PROBLEM TO BE SOLVED: To make detectable a data file being written incompletely by judging that the data file has been written abnormally when the I/O sequential number added at the head of the data file and the current I/O sequential number registered in an I/O sequential number management file are different from each other.

SOLUTION: The record of the data file 1 is read in and an I/O sequential number extracting means 23 extracts the I/O sequential number A written at the head of the record. Further, an I/O sequential number inspecting means 24 judges whether the data file 1 is written normally or whether the writing is interrupted owing to some abnormality in the writing according to the sequential number A of an I/O taken out of the record of the data file 1 and the current I/O sequential number 31 registered in the I/O sequential number management table 3. Then, write data are passed to a file writing means 13 and written as the data file 1 in a disk drive 4.

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18/9/13 (Item 13 from file: 347)
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03795440 **Image available**
DATA FILE MANAGEMENT SYSTEM

PUB. NO.: 04-160540 [JP 4160540 A]
PUBLISHED: June 03, 1992 (19920603)
INVENTOR(s): SHIMODA SHUICHI
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 02-284321 [JP 90284321]
FILED: October 24, 1990 (19901024)
INTL CLASS: [5] G06F-012/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1425, Vol. 16, No. 454, Pg. 106,
September 21, 1992 (19920921)

ABSTRACT

PURPOSE: To accurately and easily manage data files by managing a set of pages, which is positioned as an independent file, as one data file and constituting each page of a two-dimensional matrix consisting of fields and records.

CONSTITUTION: Files 1 and 2 indicate directories, and each file consists of n pages 1 to (n), and these pages 1 to (n) are positioned and managed as an independent file. Each page consists of the two-dimensional matrix consisting of fields designating rows and records designating columns, and sequential numbers 1 to (n) are given to fields and records. Consequently, read/write of one data is determined by designating the field number and the record number. Thus, data files are accurately and easily managed.

18/9/21 (Item 21 from file: 347)
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01756744 **Image available**
SYSTEM FOR PREVENTING DROP-OUT OF COMMUNICATION INFORMATION BETWEEN SYSTEMS

PUB. NO.: 60-235244 [JP 60235244 A]
PUBLISHED: November 21, 1985 (19851121)
INVENTOR(s): DOUMEN AKIO
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 59-090942 [JP 8490942]
FILED: May 09, 1984 (19840509)
INTL CLASS: [4] G06F-011/00; G06F-013/00
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units);
45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 448, Vol. 10, No. 102, Pg. 92, April 18, 1986 (19860418)

ABSTRACT

PURPOSE: To cope with system breakdown by giving sequential numbers to individual items to write them in an external storage device for transmission successively and storing the maximum sequential number of transmitted items in a table and dumping this table at intervals of a certain time.

CONSTITUTION: Sequential numbers are added to individual items, and they are stored sequentially in a transmission information file 2. A transmission-side system 1 reads out information from the transmission information file 2 and transmits it to a reception-side system 5, and the reception-side system stores information in an item-classified data file 6 and transmits back the received sequential number. When information is received again after the reception system 5 is recovered after breakdown, the sequential number is compared with the maximum value of an internal file to discriminate whether received information is duplicate data or not, and duplicate components are abandoned. When the transmission-side system 1 transmits information again after breakdown, transmission is restarted in accordance with the maximum sequential number of each transmitted item because this maximum sequential number in a table 3 is dumped to a dump file 4 at intervals of a certain time.

18/9/22 (Item 22 from file: 347)
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01756730 **Image available**
OPTIMIZING TECHNIQUE OF RECORD SEARCH IN DISC